Maria Benevolo

List of Publications by Year
in descending order

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99 papers	2,648 citations	236833 25 h-index	214721 47 g-index
100 all docs	100 docs citations	100 times ranked	4194 citing authors

#	Article	IF	Citations
1	HPV Involvement in Head and Neck Cancers: Comprehensive Assessment of Biomarkers in 3680 Patients. Journal of the National Cancer Institute, 2016, 108, djv403.	3.0	580
2	Immunohistochemical expression of p16INK4a is predictive of HR-HPV infection in cervical low-grade lesions. Modern Pathology, 2006, 19, 384-391.	2.9	124
3	Diagnostic and prognostic value of peritoneal immunocytology in gastric cancer.. Journal of Clinical Oncology, 1998, 16, 3406-3411.	0.8	101
4	Sensitivity, Specificity, and Clinical Value of Human Papillomavirus (HPV) E6/E7 mRNA Assay as a Triage Test for Cervical Cytology and HPV DNA Test. Journal of Clinical Microbiology, 2011, 49, 2643-2650.	1.8	98
5	Expression of TP53 mutation-associated microRNAs predicts clinical outcome in head and neck squamous cell carcinoma patients. Annals of Oncology, 2013, 24, 3082-3088.	0.6	89
6	p16/Ki-67 dual staining in cervico-vaginal cytology: Correlation with histology, Human Papillomavirus detection and genotyping in women undergoing colposcopy. Gynecologic Oncology, 2012, 126, 198-202.	0.6	57
7	Human papillomavirus prevalence is high in oral samples of patients with tonsillar and base of tongue cancer. Oral Oncology, 2014, 50, 491-497.	0.8	57
8	High expression of HLA-E in colorectal carcinoma is associated with a favorable prognosis. Journal of Translational Medicine, 2011, 9, 184.	1.8	55
9	Prevalence, genotype diversity and determinants of anal HPV infection in HIV-uninfected men having sex with men. Journal of Clinical Virology, 2012, 54, 185-189.	1.6	53
10	Chromogenic In Situ Hybridization to Detect HERâ€2/ neu Gene Amplification in Histological and ThinPrep Â® â€Processed Breast Cancer Fineâ€Needle Aspirates: A Sensitive and Practical Method in the Trastuzumab Era. Oncologist, 2006, 11, 878-886.	1.9	47
11	Alpha, beta and gamma Human Papillomaviruses in the anal canal of HIV-infected and uninfected men who have sex with men. Journal of Infection, 2015, 71, 74-84.	1.7	44
12	Altered peritumoral microRNA expression predicts head and neck cancer patients with a high risk of recurrence. Modern Pathology, 2017, 30, 1387-1401.	2.9	44
13	The prediction of the treatment response of cervical nodes using intravoxel incoherent motion diffusion-weighted imaging. European Journal of Radiology, 2017, 92, 93-102.	1.2	41
14	p16/ki67 and E6/E7 mRNA Accuracy and Prognostic Value in Triaging HPV DNA-Positive Women. Journal of the National Cancer Institute, 2021, 113, 292-300.	3.0	41
15	Altered Expression of FAS System Is Related to Adverse Clinical Outcome in Stage I-II Breast Cancer Patients Treated with Adjuvant Anthracycline-Based Chemotherapy. Clinical Cancer Research, 2004, 10, 1360-1365.	3.2	40
16	Human Papillomaviruses, p16INK4a and Akt expression in basal cell carcinoma. Journal of Experimental and Clinical Cancer Research, 2011, 30, 108.	3.5	34
17	Major Histocompatibility Complex Class I and Tumour Immuno-Evasion: How to Fool T Cells and Natural Killer Cells at One Time. Current Oncology, 2012, 19, 39-41.	0.9	34
18	Human Papilloma Virus prevalence and type-specific relative contribution in invasive cervical cancer specimens from Italy. BMC Cancer, 2010, 10, 259.	1.1	33

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19	HPV prevalence among healthy Italian male sexual partners of women with cervical HPV infection. Journal of Medical Virology, 2008, 80, 1275-1281.	2.5	30
20	Melanoma molecular classes and prognosis in the postgenomic era. Lancet Oncology, The, 2012, 13, e205-e211.	5.1	29
21	T and NK cells: two sides of tumor immunoevasion. Journal of Translational Medicine, 2013, 11, 30.	1.8	29
22	Functional expression of a single-chain antibody to ErbB-2 in plants and cell-free systems. Journal of Translational Medicine, 2006, 4, 39.	1.8	28
23	Anal cytological abnormalities and epidemiological correlates among men who have sex with men at risk for HIV-1 infection. BMC Cancer, 2012, 12, 476.	1.1	27
24	Anal human papillomavirus in HIV-uninfected men who have sex with men: incidence and clearance rates, duration of infection, and risk factors. Clinical Microbiology and Infection, 2016, 22, 1004.e1-1004.e7.	2.8	27
25	Human papillomavirus infection and p16 overexpression in oropharyngeal squamous cell carcinoma: a case series from 2010 to 2014. Future Microbiology, 2015, 10, 1283-1291.	1.0	26
26	Prevalence and determinants of oral infection by Human Papillomavirus in HIV-infected and uninfected men who have sex with men. PLoS ONE, 2017, 12, e0184623.	1.1	26
27	p53 Nuclear Accumulation and Multiploidy Are Adverse Prognostic Factors in Surgically Resected Stage II Colorectal Cancers Independent of Fluorouracil-Based Adjuvant Therapy. American Journal of Clinical Pathology, 2001, 116, 360-368.	0.4	25
28	Interobserver reproducibility of cytologic p16^{INK4a}/Kiâ€67 dual immunostaining in human papillomavirusâ€positive women. Cancer Cytopathology, 2017, 125, 212-220.	1.4	25
29	HPV sensitizes OPSCC cells to cisplatin-induced apoptosis by inhibiting autophagy through E7-mediated degradation of AMBRA1. Autophagy, 2021, 17, 2842-2855.	4.3	25
30	Diagnostic and prognostic validity of the human papillomavirus E6/E7 mRNA test in cervical cytological samples of HC2-positive patients. Cancer Causes and Control, 2011, 22, 869-875.	0.8	24
31	A melanoma immune response signature including Human Leukocyte Antigenâ€E. Pigment Cell and Melanoma Research, 2014, 27, 103-112.	1.5	24
32	Contribution of fluorescence in situ hybridization to immunohistochemistry for the evaluation of HER-2 in breast cancer. Cancer Genetics and Cytogenetics, 2002, 133, 66-71.	1.0	23
33	Clinical Role of p16INK4aExpression in Liquid-Based Cervical Cytology. American Journal of Clinical Pathology, 2008, 129, 606-612.	0.4	23
34	Anal human papillomavirus infection: prevalence, diagnosis and treatment of related lesions. Expert Review of Anti-Infective Therapy, 2016, 14, 465-477.	2.0	23
35	HLA-A, -B, -C Expression in Colon Carcinoma Mimics That of the Normal Colonic Mucosa and is Prognostically Relevant. American Journal of Surgical Pathology, 2007, 31, 76-84.	2.1	22
36	Evaluating programmed deathâ€ligand 1 (PDâ€L1) in head and neck squamous cell carcinoma: concordance between the 22C3 PharmDx assay and the SP263 assay on whole sections from a multicentre study. Histopathology, 2022, 80, 397-406.	1.6	21

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37	Performance of <scp>HPV E6</scp>/<scp>E7 mRNA</scp> assay as primary screening test: Results from the <scp>NTCC2</scp> trial. International Journal of Cancer, 2022, 151, 1047-1058.	2.3	21
38	Comparative evaluation of nm23 and p16 expression as biomarkers of highâ€risk human papillomavirus infection and cervical intraepithelial neoplasia 2⁺ lesions of the uterine cervix. Histopathology, 2010, 57, 580-586.	1.6	20
39	Human Papillomavirus Infection and Cervical Neoplasia among Migrant Women Living in Italy. Frontiers in Oncology, 2014, 4, 31.	1.3	20
40	Prevalence of HPV infection among clinically healthy Italian males and genotype concordance between stable sexual partners. Journal of Clinical Virology, 2014, 60, 264-269.	1.6	20
41	Prognostic Value of HPV E6/E7 mRNA Assay in Women with Negative Colposcopy or CIN1 Histology Result: A Follow-Up Study. PLoS ONE, 2013, 8, e57600.	1.1	20
42	Role of P53 and BCL-2 in high-risk breast cancer patients treated with adjuvant anthracycline-based chemotherapy. Journal of Cancer Research and Clinical Oncology, 2000, 126, 722-729.	1.2	19
43	HPV type distribution in invasive cervical cancers in Italy: pooled analysis of three large studies. Infectious Agents and Cancer, 2012, 7, 26.	1.2	19
44	Claspin as a biomarker of human papillomavirus-related high grade lesions of uterine cervix. Journal of Translational Medicine, 2012, 10, 132.	1.8	18
45	Performance of the Linear Array HPV Genotyping Test on Paired Cytological and Formalin-Fixed, Paraffin-Embedded Cervical Samples. Journal of Molecular Diagnostics, 2013, 15, 373-379.	1.2	18
46	Cytology and human papillomavirus testing on cytobrushing samples from patients with head and neck squamous cell carcinoma. Cancer, 2014, 120, 3477-3484.	2.0	18
47	Cytology and direct <scp>human papillomavirus</scp> testing on fine needle aspirates from cervical lymph node metastases of patients with oropharyngeal squamous cell carcinoma or occult primary. Cytopathology, 2018, 29, 449-454.	0.4	18
48	Phenotypic changes of p53, HER2, and FAS system in multiple normal tissues surrounding breast cancer. Journal of Cellular Physiology, 2005, 204, 106-112.	2.0	17
49	Comparative evaluation of different DNA extraction methods for HPV genotyping by linear array and INNOâ€LiPA. Journal of Medical Virology, 2011, 83, 1042-1047.	2.5	17
50	Mucosal and cutaneous human papillomaviruses in head and neck squamous cell papillomas. Head and Neck, 2017, 39, 254-259.	0.9	17
51	Anal cytological lesions and HPV infection in individuals at increased risk for anal cancer. Cancer Cytopathology, 2018, 126, 461-470.	1.4	16
52	Evolving Profile of HPV-Driven Oropharyngeal Squamous Cell Carcinoma in a National Cancer Institute in Italy: A 10-Year Retrospective Study. Microorganisms, 2020, 8, 1498.	1.6	16
53	Immunocytochemical diagnosis of amelanotic metastatic melanoma using monoclonal antibodies HMB-45 and Ep1-3. Melanoma Research, 1994, 4, 53-58.	0.6	15
54	Up-regulation of activating and inhibitory NKG2 receptors in allogeneic and autologous hematopoietic stem cell grafts. Journal of Experimental and Clinical Cancer Research, 2015, 34, 98.	3.5	15

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55	Cellâ€Free Human Papillomavirusâ€<scp>DNA</scp> for Monitoring Treatment Response of Head and Neck Squamous Cell Carcinoma: Systematic Review and Metaâ€Analysis. Laryngoscope, 2022, 132, 560-568.	1.1	14
56	Low Frequency of ErbB-2 Proto-oncogene Overexpression in Human Leukocyte Antigen-A2-Positive Breast Cancer Patients. Journal of the National Cancer Institute, 1997, 89, 319-321.	3.0	13
57	Anal human papillomavirus infection prevalence in men who have sex with men is age-independent: a role for recent sexual behavior?. Future Microbiology, 2014, 9, 837-844.	1.0	13
58	Host immunosurveillance contributes to the control of erbB-2 overexpression in HLA-A2-breast-cancer patients. International Journal of Cancer, 1999, 84, 598-603.	2.3	12
59	Intravoxel incoherent motion diffusion-weighted imaging for oropharyngeal squamous cell carcinoma: Correlation with human papillomavirus Status. European Journal of Radiology, 2019, 119, 108640.	1.2	12
60	Oral Infection by Mucosal and Cutaneous Human Papillomaviruses in the Men Who Have Sex with Men from the OHMAR Study. Viruses, 2020, 12, 899.	1.5	12
61	Oral human papillomavirus infection in HIV-infected and HIV-uninfected MSM: the OHMAR prospective cohort study. Sexually Transmitted Infections, 2020, 96, 528-536.	0.8	12
62	Independent Prognostic Value of Peritoneal Immunocytodiagnosis in Endometrial Carcinoma. American Journal of Surgical Pathology, 2000, 24, 241-247.	2.1	11
63	Determinants of Viral Oncogene E6-E7 mRNA Overexpression in a Population-Based Large Sample of Women Infected by High-Risk Human Papillomavirus Types. Journal of Clinical Microbiology, 2017, 55, 1056-1065.	1.8	10
64	Evaluation of the XpertÂ® HPV assay in the detection of Human Papillomavirus in formalin-fixed paraffin-embedded oropharyngeal carcinomas. Oral Oncology, 2017, 72, 117-122.	0.8	10
65	Human papillomavirus detection in matched oral rinses, oropharyngeal and oral brushings of cancer-free high-risk individuals. Oral Oncology, 2019, 91, 1-6.	0.8	10
66	Interlaboratory concordance of p16/Kiâ€67 dualâ€staining interpretation in HPVâ€positive women in a screening population. Cancer Cytopathology, 2020, 128, 323-332.	1.4	10
67	The use of a panel of monoclonal antibodies can lower false-negative diagnoses of peritoneal washings in ovarian tumors. Cancer, 1991, 68, 1803-1807.	2.0	9
68	Evaluation of the Anyplex II HPV28 Assay in the Detection of Human Papillomavirus in Archival Samples of Oropharyngeal Carcinomas. Archives of Pathology and Laboratory Medicine, 2020, 144, 620-625.	1.2	9
69	Interaction between the human papillomavirus 16 E7 oncoprotein and gelsolin ignites cancer cell motility and invasiveness. Oncotarget, 2016, 7, 50972-50985.	0.8	9
70	DNA Ploidy, Cell Kinetics, and Epidermal Growth Factor Receptor and HER2/neu Oncoprotein Expression in Primary Operable Breast Cancer. Annals of the New York Academy of Sciences, 1996, 784, 472-481.	1.8	8
71	Predictors of human papilloma virus (HPV) infection in Italian women. Journal of Medical Virology, 2010, 82, 1921-1927.	2.5	8
72	Identification of Episomal Human Papillomavirus and Other DNA Viruses in Cytological Anal Samples of HIV-Uninfected Men Who Have Sex with Men. PLoS ONE, 2013, 8, e72228.	1.1	8

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73	Incidence, clearance and duration of cutaneous beta and gamma human papillomavirus anal infection. Journal of Infection, 2016, 73, 380-383.	1.7	8
74	Incidence and clearance of anal high-risk Human Papillomavirus infection and their risk factors in men who have sex with men living with HIV. Scientific Reports, 2022, 12, 184.	1.6	8
75	High Risk Human Papillomavirus Genotyping in Clinical Samples: Evaluation of Different Commercial Tests. International Journal of Immunopathology and Pharmacology, 2011, 24, 127-138.	1.0	7
76	Oral testing for highâ€risk human papillomavirus DNA and E6/E7 messenger RNA in healthy individuals at risk for oral infection. Cancer, 2019, 125, 2587-2593.	2.0	7
77	Correlation between histogram-based DCE-MRI parameters and 18F-FDG PET values in oropharyngeal squamous cell carcinoma: Evaluation in primary tumors and metastatic nodes. PLoS ONE, 2020, 15, e0229611.	1.1	7
78	Immunocytodiagnosis of solid tumors employing panels of monoclonal antibodies. Journal of Clinical Laboratory Analysis, 1993, 7, 238-242.	0.9	6
79	Neuroendocrine small-cell cervical carcinoma. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2001, 96, 128-131.	0.5	6
80	Determinants of p16/Kiâ€67 adequacy and positivity in HPVâ€positive women from a screening population. Cancer Cytopathology, 2021, 129, 383-393.	1.4	6
81	Multiparametric MRI Evaluation of Oropharyngeal Squamous Cell Carcinoma. A Mono-Institutional Study. Journal of Clinical Medicine, 2021, 10, 3865.	1.0	6
82	The Integrated Oncology Program of the Italian Ministry of Health. Analytical and clinical validation of new biomarkers for early diagnosis: network, resources, methodology, quality control, and data analysis. International Journal of Biological Markers, 2009, 24, 119-129.	0.7	6
83	Selected monoclonal antibodies can increase the accuracy of cytodiagnosis of neoplastic effusions of cryptic origin expanded in a short term culture. Diagnostic Cytopathology, 1992, 8, 153-159.	0.5	5
84	Abnormal cytology in oropharyngeal brushings and in oral rinses is not associated with HPV infection: The OHMAR study. Cancer Cytopathology, 2020, 128, 648-655.	1.4	5
85	Human Papillomavirus Type 16 DNA Detected in Pulmonary Metastases From a Penile Squamous Cell Carcinoma. International Journal of Surgical Pathology, 2013, 21, 59-62.	0.4	4
86	Triage of women with minor abnormal cervical cytology: Metaâ€analysis of the accuracy of an assay targeting messenger ribonucleic acid of 5 highâ€risk human papillomavirus types. Cancer Cytopathology, 2014, 122, 76-76.	1.4	4
87	Anal and oral human papillomavirus infection in men who have sex with men: implications for risk-targeted vaccination. Future Microbiology, 2020, 15, 1713-1722.	1.0	4
88	Immunocytodiagnosis of atypical hyperplasia and endometrial carcinoma in post-menopausal women. International Journal of Cancer, 1992, 51, 869-872.	2.3	3
89	Vaccine-preventable anal infections by human papillomavirus among HIV-infected men who have sex with men. Future Microbiology, 2018, 13, 1463-1472.	1.0	3
90	Lichen Sclerosus in stable sexual partners: etiologic correlation or mere coincidence?. Italian Journal of Dermatology and Venereology, 2016, 152, 92-94.	0.1	2

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91	Accuracy of different triage strategies for human papillomavirus positivity in an Italian screening population. International Journal of Cancer, 2022, 150, 952-960.	2.3	2
92	Antigenic modulation of metastatic breast and ovary carcinoma cells by intracavitary injection of IFN-Ĩ±. British Journal of Cancer, 1992, 66, 342-344.	2.9	1
93	Predictors of Oral Infection by Mucosal and Cutaneous Human Papillomaviruses in HIV-Infected and Uninfected Men Who Have Sex with Men of the OHMAR Study. Journal of Clinical Medicine, 2021, 10, 2804.	1.0	1
94	Il passaggio di una coltura batterica dalla crescita aerobica a quella anaerobica. Rendiconti Lincei, 1990, 1, 219-227.	1.0	0
95	Identification of second malignancies on effusions and fine-needle aspirates using a panel of monoclonal antibodies. British Journal of Cancer, 1997, 75, 572-578.	2.9	0
96	Combination of p16^{INK4a}â€Ki67 immunocytology and HPV polymerase chain reaction for the noninvasive analysis of HPV involvement in head and neck cancer. Cancer Cytopathology, 2015, 123, 382-383.	1.4	0
97	Evaluation of HPV-Related Biomarkers in Anal Cytological Samples from HIV-Uninfected and HIV-Infected MSM. Pathogens, 2021, 10, 888.	1.2	0
98	Concurrent and Concordant Anal and Oral Human PapillomaVirus Infections Are Not Associated with Sexual Behavior in At-Risk Males. Pathogens, 2021, 10, 1254.	1.2	0
99	Updates on Human Papillomavirus-driven oropharyngeal squamous cell carcinomas in a southern European country. Oral Oncology, 2022, 131, 105947.	0.8	0